



US Army Corps
of Engineers®



Manitowoc Harbor, WI

Project Features

- Located on the west shore of Lake Michigan about 79 miles north of Milwaukee, WI, and about 106 miles from Sturgeon Bay Harbor and the Lake Michigan Ship Canal.
- Authorization: River & Harbor Acts of 2 Mar 1907, 30 Aug 1935, 26 Aug 1937, 23 Oct 1962, 14 Jul 1960 (Sec 107), 31 Dec 1968.
- Deep draft commercial harbor.
- Project depths varying from 22 to 25 feet below LWD in entrance and inner channels and a 12-foot deep channel at the upper end of the project. A 10-foot deep recreational navigation channel adjacent to the CDF.
- 282,000 tons of material shipped or received in 2004.
- Over 4,100 feet of structures including breakwaters and piers.
- Over 2.5 miles of maintained channel.
- The Manitowoc Harbor Confined Disposal Facility is located in Lake Michigan extending northward from the north breakwater.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Burger Boat Building, Manitowoc Portland Cement Co., and Lake Michigan Car Ferry.

Project Needs

- Approximately 20,000 to 30,000 cubic yards of material must be dredged from the river channel on a 2 to 3 year cycle.
- Navigation structures are primarily maintained by Government floating plant.
- Periodic maintenance of the CDF is required.



Consequences of Not Maintaining the Project

- Significant loss of jobs both locally and regionally.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$100,000 and \$240,000 annually.

Transportation Importance

- Locally significant receiving port on the Great Lakes.
- Commodities received include coal and cement.
- Boat building is a significant economic catalyst to the local economy.
- Expansion of recreational boat services/storage is needed.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Manitowoc Harbor, WI - Project Needs and President's Budget (\$1,000)**

Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Condition Surveys	108	108	20	0	32	
Maintenance Dredging - Primary Work Package	542	539	0	0	425	
Maintenance Dredging - Backlog Work Package						
Structural Repairs – by Govt. Floating Plant	142	0	210	0	210	
TOTALS	792	647	230	0	667	

* FY09 President's Budget will be available in February 2008